

CLASS 298, LAND VEHICLES: DUMPING**SECTION I - CLASS DEFINITION**

Vehicles other than track or rail vehicles and commonly known as dumping-wagons, dump-carts, dumping-sleighs, dumping-barrows, chute-wagons, etc., adapted for carrying a freight-load and so constructed and arranged that by manipulation of the whole or a part of the vehicle the load or some considerable part thereof will move by gravity to unload the vehicle.

SECTION II - LINES WITH OTHER CLASSES AND WITHIN THIS CLASS

For dump-cars see Class 105, Railway Rolling Stock, subclass 239, and indented subclasses.

For a self-loading or unloading vehicle having a load receiving portion which is pivotable relative to the horizontal, see Class 414, Material Article Handling, subclasses 469+, and see especially the search note to this class (298) which appears in subclass 469.

For a device for emptying a portable receptacle, see Class 414, Material or Article Handling, subclasses 403+, and see particularly indented subclasses 419+.

SECTION III - REFERENCES TO OTHER CLASSES**SEE OR SEARCH CLASS:**

- 49, Movable or Removable Closures, appropriate subclasses, for closures of the type provided for and see the search notes thereto in section IV for the loci of closures in other classes.
- 222, Dispensing, appropriate subclasses, for other dispensing devices.
- 280, Land Vehicles, subclasses 47.17+ for handle-propelled tiltable vehicles, and see the search note under indented subclass 47.26 referring to Class 298.

SUBCLASSES

- 1** Patents falling within this class and not properly classifiable in other subclasses thereof.
- 2** Specially adapted to be propelled by hand.

- 3** Mounted on one wheel.
 - 4** Supported on runners.
 - 5** Dumping-vehicles of all types mounted on two wheels.
 - 6** Those of the type indicated where means is provided to operate an end-gate or cover through the dumping operation of the vehicle or means for doing so manually where such means is located at a distance from the end-gate or cover.
 - 7** Dumping-vehicles of any type having some modification of the vehicle to adapt a delivery chute thereto or some combined structure of the vehicle and delivery-chute.
- SEE OR SEARCH CLASS:**
193, Conveyors, Chutes, Skids, Guides, and Ways, subclasses 4+ for chutes, per se,
- 8** Dumping-vehicles of any type where the load is divided into separate units and can be separately dumped, excepting that a tiltable load-receptacle having removable partitions is not included, but is found in other subclasses of this class under proper type.
 - 9** This subclass is indented under the class definition. Dumping vehicles in which the load-receptacle is rotatable about a vertical axis prior to, during or after tilting thereof.
 - 10** Those in which the load-receptacle rotates about a fixed pivot to turn the load out of the open top of the receptacle.
 - 11** Where the load-receptacle is tilted to permit the load to slide off the bottom of the receptacle, there being also an elevation of the load-receptacle as a whole.

SEE OR SEARCH CLASS:

- 414, Material or Article Handling, subclasses 697+, for material moving devices with a vertical swinging load support of the tilting shovel or fork type.

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| <p>12 This subclass is indented under the class definition. Dumping vehicles in which the load-receptacle as a whole is movable in a horizontal or downwardly inclined direction prior to, during or after tilting thereof.</p> <p>13 Those of the type indicated where the load is dumped at the side of the vehicle.</p> <p>14 Provided with additional means for effecting any of the movements of the load-receptacle, either to dump the load or return the receptacle to its load-carrying position, or both.</p> <p>15 Where the operation is effected by a movement of the vehicle as a whole or through the movement of some substantial part thereof.</p> <p>16 Operated by the power plant that propels the vehicle.</p> <p>17 Where the load-receptacle is capable of assuming an inclined or tilted position to permit the load to slide off the inclined bottom of the receptacle.</p> <p>SEE OR SEARCH CLASS:
222, Dispensing, subclass 166.</p> <p>17.5 This subclass is indented under subclass 17. Devices in which the load-receptacle is (1) selectively tiltable about at least one of a plurality of pivot axes or (2) tiltable about an axis which progressively changes concurrently with the tilting (e.g., rocking support).</p> <p>17.6 This subclass is indented under subclass 17.5. Devices in which the load-receptacle is optionally tiltable in a selected one of a plurality of different directions (e.g., towards either side).</p> <p>17.7 This subclass is indented under subclass 17.6. Devices in which the load-receptacle is optionally tiltable to either an end or a side.</p> <p>17.8 This subclass is indented under subclass 17.6. Devices wherein the pivot axis about which the load-receptacle is tilted, during at least one tilting cycle, sequentially moves from one to another of a plurality of fulcrum points, (e.g., rocking support).</p> | <p>18 Where the load is dumped at the side of the vehicle.</p> <p>19 Provided with additional means for effecting the tilting of the load-receptacle or returning it to its load-carrying position, or both.</p> <p>20 Where the operation is effected by a movement of the vehicle as a whole or through the movement of some substantial part thereof.</p> <p>21 Operated by the power plant that propels the vehicle.</p> <p>22 Provided with fluid-pressure operators.</p> <p>23 Those of the type indicated where means is provided to operate an end-gate or cover through the dumping operation of the vehicle or means for doing so manually where such means is located at a distance from the end-gate or cover.</p> <p>24 Consisting of a box-container having a movable part or parts adapted, when moved, to permit the load to fall by gravity.</p> <p>SEE OR SEARCH CLASS:
222, Dispensing, particularly subclass 476, et seq.</p> <p>25 Consisting of sections pivoted together.</p> <p>SEE OR SEARCH THIS CLASS, SUB-CLASS:
29+,</p> <p>26 Where the bottom as a whole is pivoted to tilt to permit the load to slide by gravity.</p> <p>SEE OR SEARCH THIS CLASS, SUB-CLASS:
29+, where the bottom is divided and each section is pivoted.</p> <p>27 Where the bottom of the load-receptacle can be opened to permit the load to drop by gravity to a position under the vehicle.</p> <p>28 The load-receptacle is provided with the removable part or parts indicated.</p> |
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- 29** Where the bottom of the load-carrier consists of a door or doors hinged to open and permit the load to drop.

SEE OR SEARCH THIS CLASS, SUB-CLASS:

25,

- 30** Where the hinge extends transversely of the vehicle only.

- 31** Where the hinge extends longitudinally of the vehicle only.

- 32** Having a plurality of doors so hinged that they swing parallel to each other.

- 33** So hinged that the doors swing in opposite directions.

- 34** Swinging in opposite directions and toward a median of the vehicle in dropping the load.

- 35** Swinging in opposite directions and toward the outside of the vehicle to drop the load.

- 36** Also movable in a vertical direction.

- 37** Those of the type indicated having a single door-closing operator so constructed that all the doors are tightly closed. Such devices also permit the closing of one door in advance of another.

- 38** Holding devices adapted to releasably hold a movable part of a dump-wagon in its normal or load-carrying position.

SEE OR SEARCH CLASS:

292, Closure Fasteners, for closure-fasteners of general utility.

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